

DTIS Rec'd PCT/PTO 17 MAR 2005

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Not Yet Assigned 10/528051
				Filing Date	March 17, 2005
				First Named Inventor	Kimiyo BANNO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	0171-1190PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/CMK/	AA	US-5, 643,490-A	07-01-1997	Takahashi et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
/CMK/	BA	JP-61-152757-A		07-11-1986			ABS
	BB	JP-7-118480-A		05-09-1995			ABS
	BC	JP-8-245828-A		09-24-1996			ABS
	BD	JP-2002-251917-A		09-06-2002			ABS
	BE	WO-02/067272-A1		08-29-2002			ABS
	BF	JP-2003-86470-A		03-20-2003			ABS
	BG	JP-2002-3478-A		01-09-2002			ABS
/CMK/	BH	JP-10-83821-A		03-31-1998			ABS

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

GMM

Examiner Signature	/C. Melissa Koslow/	Date Considered	06/11/2007
--------------------	---------------------	-----------------	------------

3/17/05

PTO/SB/08A/B (09-06)

Approved for use through 03/31/2007. CMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/528,051-Conf. #6378
		Filing Date	March 17, 2005
		First Named Inventor	Kimiyo BANNO
		Art Unit	1713
		Examiner Name	Not Yet Assigned
Sheet	1	of	1
		Attorney Docket Number	0171-1190PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kind's Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/CMK/	CA	MATSUMOTO et al., "Improvement of ionic conductivity of room temperature molten salt based on quaternary ammonium cation and imide anion," Electrochemical Society Proceedings, Vol. 99-41, pp. 186-192, 2000	
/CMK/	CB	RIOS et al., "Generation and study of the reactivity of α -ammonium distonic radical cations in solution," Journal of American Chemical Society, Vol. 118, No. 45, pp. 11313-11314, 1996	
/CMK/	CC	STUFF et al., "A new room-temperature molten salt electrolyte," Journal of the Electrochemical Society, Vol. 137, No. 5, pp. 1492-1493, 1990	
/CMK/	CD	COOPER et al., "Versatile organic iodide melts and glasses with high mole fractions of lithium iodide; glass transition temperatures and electrical conductivities," Solid State Ionics, Vol. 9 and 10, pp. 617-622, 1983	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/C. Melissa Koslow/	Date Considered	06/11/2007
-----------------------	---------------------	--------------------	------------

Birch, Stewart, Kolasch & Birch, LLP

GMM/GMD/mua

Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	10/528,051-Conf. #6378	
			Filing Date	March 17, 2005	
			First Named Inventor	Kimiyo BANNO	
			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	0171-1190PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/CMK/	AA*	US-4,482,713	11-13-1984	STRICKLER	
/CMK/	AB*	US-7,154,737-A1	12-26-2006	Maruo et al.	
/CMK/	AC*	US-7,167,353-A1	01-23-2007	Yuyama et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/CMK/	BA	JP-04-349365-A	12-03-1992			✓
/CMK/	BB	JP-11-224831-A	08-17-1999			✓
/CMK/	BC	JP-11-260400-A	09-24-1999			✓
/CMK/	BD	JP-11-307121-A	11-05-1999			✓
/CMK/	BE	JP-07-161588-A	06-23-1995			✓

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
/CMK/	CA	A.B. McEWEN et al., "Electrochemical Properties of Imidazolium Salt Electrolytes for Electrochemical Capacitor Applications," Journal of the Electrochemical Society, Vol. 146, No. 5, 1999, pp. 1687-1695		
/CMK/	CB	H. MATSUMOTO et al., "Yoyuen oyobi Koon Kagaku (Molten Salt and Pyrochemical)", Vol. 44, No. 1, 2001, pp. 7-18, by Molten Salt Committee of the Electrochemical Society of Japan, including English translation of Section 4.2.1 and Section 5.1.		✓
/CMK/	CC	Z.B. ZHOU et al., "A New Class of Hydrophobic Ionic Liquids: Trialkyl(2-methoxyethyl)ammonium Perfluoroethyltrifluoroborate," Chemistry Letters, Vol. 33, No. 7, 2004, pp. 886-887.		
/CMK/	CD	Certificate of Experimental Results, Stella Chemifa Corporation, December 22, 2004.		✓

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/C. Melissa Koslow/	Date Considered	06/11/2007
--------------------	---------------------	-----------------	------------

